EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S757	1572	thiosemicarbazone	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:21
S758	76168	vaccine	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:21
S759	132321	adjuvant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:21
S760	2	S757 same S758 same S759	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:24
S761	14	paul.in. near3 barsanti.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:24
S762	11	nathan.in. near3 brammeier.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:25
S763	3	anthony.in. near3 diebes.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:26
S764	21	liana.in. near3 lagniton.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:26
S765	28	simon.in. near3 ng.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:27
S766	32	Zhi-Jie.in. near3 Ni.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:28
S767	3	Casey.in. near3 Philbin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:29

EAST Search History

S768	21	Nicholas.in. near3 Valiante.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:32
S769	28	Allan.in. near3 Wagman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:33
S770	29	Weibo.in. near3 Wang.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/05/15 14:33

RESULT 3
AAB14903
ID AAB14903 standard; peptide; 24 AA.
XX
AC AAB14903;
XX
DT 08-JAN-2001 (first entry)
XX
DE Ht31 peptide.
XX
KW Calcineurin-binding peptide; A-kinase anchor protein; AKAP; AKAP 79;
KW immunostimulant; interleukin 2 expression modulation; graft rejection;
KW transplantation; T cell-mediated disorder.
XX
OS Unidentified.
XX
PN US6107104-A.
XX
PD 22-AUG-2000.
XX
PF 27-SEP-1996; 96US-00721458.
XX
PR 23-NOV-1994; 94US-00344227.
PR 15-MAR-1995; 95US-00404731.
PR 17-JUL-1995; 95US-00503226.
XX
PA (ICOS-) ICOS CORP.
XX
PI Lockerbie RO, Gallatin WM, Lai Y, Howard ML;
XX
DR WPI; 2000-578541/54.
XX
PT Novel calcineurin deletion mutant having calcineurin polypeptide sequence
PT and binding A-kinase anchor proteins, for treating graft rejection
PT following organ transplantation and T cell-mediated disorders.
XX
PS Example 9; Col 5-6; 53pp; English.
XX
CC The present sequence was used in an example to demonstrate that
CC association of cAMP-dependent protein kinase (PKA) with an anchoring
CC protein in T cells modulates IL-2 production. A-kinase anchoring protein
CC 79 (AKAP 79) binds both PKA and calcineurin and so co-localises a kinase
CC and a phosphatase that may regulate flux through a specific signalling
CC pathway. Calcineurin is a Ca2+/calmodulin-dependent protein phosphatase
CC which is involved in many intracellular signalling pathways. It
CC participates in regulation of IL-2 expression following T cell
CC stimulation in T cells. Calcineurin-binding peptides derived from AKAP 79
CC may be used to inhibit calcineurin activity in a cell. The peptides are
CC useful for treating graft rejection following organ transplantation and
CC for treating T cell-mediated disorders. Calcineurin deletion mutants
CC which bind AKAP 79 are useful for defining an AKAP 79 binding site, for
CC stimulating the immune response, stimulating activated T cells for
CC selected clonal expansion, or for enhancing T cell responses to
CC experimental stimuli for evaluation of early events in T cell biology and
CC activation of the immune response
XX
SQ Sequence 24 AA;

  Query Match   100.0%; Score 111; DB 3; Length 24;
  Best Local Similarity   100.0%; Pred. No. 2.1e-10;
  Matches   24; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Qy   1 DLIEEAASRIVDAVIEQVKAAGAY 24
              ||||||||||||||||||||||||
Db   1 DLIEEAASRIVDAVIEQVKAAGAY 24

```
=> d que l52
L2          869 SEA FILE=REGISTRY ABB=ON  PLU=ON  (100708-37-0/BI OR
                101091-29-6/BI OR 103907-05-7/BI OR 108-49-6/BI OR
                109-09-1/BI OR 165047-24-5/BI OR 1722-12-9/BI OR 17532-19-3
                /BI OR 17754-90-4/BI OR 22078-59-7/BI OR 22725-58-2/BI OR
                23945-44-0/BI OR 2417-72-3/BI OR 2929-81-9/BI OR 301176-96-
                5/BI OR 301176-97-6/BI OR 301202-34-6/BI OR 301348-19-6/BI
                OR 301348-20-9/BI OR 301348-21-0/BI OR 301349-64-4/BI OR
                301349-65-5/BI OR 301350-41-4/BI OR 301351-29-1/BI OR
                302563-23-1/BI OR 302564-39-2/BI OR 302564-43-8/BI OR
                302564-45-0/BI OR 303058-86-8/BI OR 303759-55-9/BI OR
                303782-53-8/BI OR 309277-46-1/BI OR 316130-78-6/BI OR
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                340299-81-2/BI OR 340309-70-8/BI OR 340316-53-2/BI OR
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                347335-07-3/BI OR 348594-85-4/BI OR 354535-04-9/BI OR
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                -5/BI OR 3731-53-1/BI OR 375361-02-7/BI OR 38594-22-8/BI
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                725726-45-4/BI OR 725726-46-5/BI OR 725726-47-6/BI OR
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                725726-51-2/BI OR 725726-52-3/BI OR 725726-53-4/BI OR
                725726-
L7          244 SEA FILE=REGISTRY ABB=ON  PLU=ON  "C7 H8 N4 S"/MF
L8            1 SEA FILE=REGISTRY ABB=ON  PLU=ON  L2 AND L7
L11             STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   8

STEREO ATTRIBUTES: NONE
L13        6896 SEA FILE=REGISTRY SSS FUL L11
L16         189 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L8
L17          17 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L16 AND THU/RL
L22             STR



VAR G1=X/9/11/N/AK
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED
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GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L24	4889	SEA	FILE=REGISTRY	SUB=L13 SSS FUL L22	
L25	2905	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L24
L33	45	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	BARSANTI, P?/AU
L34	6	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	BRAMMEIER, N?/AU
L35	5	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	DIEBES, A?/AU
L36	12	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	LAGNITON, L?/AU
L37	2474	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	NG, S?/AU
L38	881	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	NI, Z?/AU
L39	257	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	PFISTER, K?/AU
L40	17	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	PHILBIN, C?/AU
L41	54	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	VALIANTE, N?/AU
L42	49	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	WAGMAN, A?/AU
L43	23333	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	WANG, W?/AU
L44	456	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	WEINER, A?/AU
L45	8	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	(L33 OR L34 OR L35 OR L36 OR L37 OR L38 OR L39 OR L40 OR L41 OR L42 OR L43 OR L44) AND L25
L46	16	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L17 NOT L45
L49	98	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L16 AND PREP/RL
L50	24	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L49 AND PHARM?/SC,SX
L51	23	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L50 NOT L45
L52	34	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L51 OR L46

L52 ANSWER 34 OF 34 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1971:11774 HCAPLUS Full-text
DOCUMENT NUMBER: 74:11774
TITLE: Carcinostatic activity of thiosemicarbazones of formyl heteroaromatic compounds. VII. 2-Formylpyridine derivatives bearing additional ring substituents
AUTHOR(S): French, Frederic A.; Blanz, Erwin J., Jr.; DoAmaral, Jefferson R.; French, Douglas A.
CORPORATE SOURCE: Chemother. Res. Lab., Mt. Zion Hosp. Med. Center, Palo Alto, CA, USA
SOURCE: Journal of Medicinal Chemistry (1970), 13(6), 1124-30
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
ED Entered STN: 12 May 1984
GI For diagram(s), see printed CA Issue.
AB Sixteen 5-substituted-2-formylpyridine thiosemicarbazones were synthesized and tested for antitumor activity against 5 mouse tumor systems, such as L-1210 leukemia and the Lewis lung carcinoma. The I, II, and III were extremely potent inhibitors of tumor-derived ribonucleotide diphosphate reductase and inhibited the synthesis of DNA. At 100 mg/kg/day i.p., I had a broad spectrum of antitumor activity in addition to a significant cure rate in L-1210 leukemia.
IT 3608-75-1
(neoplasm inhibition by)
RN 3608-75-1 HCAPLUS
CN Hydrazinecarbothioamide, 2-(2-pyridinylmethylene)- (CA INDEX NAME)

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? b 155,10,5,73,34
[File 155] MEDLINE(R) 1950-2007/May 11
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[File 34] SciSearch(R) Cited Ref Sci 1990-2007/Apr W4
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? d s
Set      Items   Description
S1        4663   S THIOSEMICARBAZONE
S2      391079   S VACCINE
S3      391079   S VACCINE
S4      241856   S ADJUVANT
S5           0   S S1 (S) S2 (S) S4
S6           0   S S1 AND S2 AND S4
S7           0   S S1 (S) S4
S8           4   S S1 AND S4
S9           4   RD  (unique items)
S10         14   S "PYRIDINE-2-CARBALDEHYDE THIOSEMICARBAZONE"
S11         14   RD  (unique items)
S12          0   S S4 AND S11
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